PONOMAREV, S.A.

STRATILATOV, Petr Valentinovich; NOVOSELOV, S.I., red.; PONOMAREV, S.A., red.; SMIRNOV, G.I., tekhn.red.

[Collection of problems in trigonometry for classes 9 and 10 in secondary schools] Sbornik zadach po trigonometrii dlia 9 i 10 klassov srednei shkoly. Izd. 2-e. Pod red. S.I.Novoselova. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1958. 111 p. (MIRA 11:4)

(Trigonometry--Problems, exercises, etc.)

BARKOV, N.N., kand. ekon. nauk; Prinimali uchastiye: PONOMAREV, S.A., inzh.; YELISEYEVA, T.V., inzh.; MOLYARCHUK, G.V., kand. ekon. nauk; IVANOV, L.N., inzh.; KASHCHEYEVA, I.N., inzh.; LEGORNEVA, V.I., inzh.; KUZ'MINA, T.T., inzh; INOZEMTSEVA, K.N., inzh.; YANDOLOVSKIY, N.A., inzh.; PAVLOVA, Ye.A., starshiy tekhnik; VOLKOVA, L.S., starshiy inzh.; GAZAR'YAN, G.S., tekhnik; VOROB'YEVA, L.V., tekhn. red.

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(MIRA 16:4)

(Railroads—Freight)

PONOMAREV, Sergey Aleksandrovich; KRISHTAL', L.I., red.

[Long-term planning of suburban passenger transportation; in the section and on the railroad as a whole] Perspektivnoe planirovanie prigorodnykh perevozok passazhirov; na otdelenii i zheleznoi doroge. Moskva, Transport, 1964. 34 p. (MIRA 17:11)

PONOMAREV, S.A. (Moskva).

Fifth grade students working with the arithmetic textbook. Mat. v shkole no.1:47-50 Ja-F '58. (MIRA 11:1)
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From mathematics editors of the State Training and Pedagogical Literature Publishing House; information on new publications. Mat. v shkole no.2:89 Mr-Ap '58. (MIRA 11:2)

1. Zaveduyushchiy redaktsiyey matematiki Uchpedgiza.
(Bibliography--Mathematics)

DENISOVA, Tat'yana Nikolayevna; PONOMAREV, S.A., redaktor; DZHATIYEV, S.G., tekhnicheskiy redaktor

[Lesson plans in Geometry for the seventh grade; based on experience. Manual for teachers] Plany urokov po geometrii v 7 klasse; iz opyta raboty. Posobie dlia uchitelei. Izd. 3-e, perer. Moskva, Gos. uchebno-pedagog.izd-vo M-va prosv. RSFSR, 1956. 117 p. (MLRA 10:8)
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1.Zaveduyushchiy redaktsyey matematiki Uchpedgiza.
(Mathematics--Textbooks)

NAGIBIN, Fedor Fedorovich; PONOMAREV, S.A., red.; KARPOVA, T.V., tekhn. red.

[Mathematical chest] Matematicheskaia shkatulka. Izd.2. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 164 p. (MIRA 14:11)
(Mathematics—Juvenile literature)

NOVOSELOV, Sergey Iosifovich; PONOMAREV, S.A., red.; KOVALENKO, V.L., tekhn.red.

[Trigonometry; textbook for the 9th and 10th grades in a secondary school] Trigonometriia; uchebnik dlia 9-10 klassov srednei shkoly. Izd.6. Moskva, Gos.uchebno-pedagog.izd-vo M-va prosv.RSFSR, 1961. 95 p. (MIRA 13:12)

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9. **Monthly List of Russian Accessions**, Library of Congress, December 1952 Unclassified.

1. S. A. PONOMAREV, N. I. SYRNEV

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4. Arithmetic, Problems, Exercises, Etc.

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POMOMAREV, S.A. (Moskva)

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PAKHMAN, T.A., kand.ekon.nauk; PONOMAREV, S.A., inzh.; KEDROVA, V.I. inzh. [deceased]; KHANUKOV, Ye.D., retsenzent; KOLTUNOVA, M.P., red.; VASIL'YEVA, N.N., tekhn.red.

[Methodological problems of planning long distance passenger transportation] Metodicheskie voprosy planirovaniia dal'nikh passazhirskikh perevozok. Moskva, Vses.izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 94 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no.231). (MIRA 15:8)
(Railroads--Passenger traffic)

PONOMAREV, S. A.

23741 GEOMETRICHESKIYE SVEDENIYA V KURSE ARIFMETIKI V SREDNEY SHKOLE. MATEMATIKA V SHKOLE, 1949, NO. 4, S. 29-35

SO: LETOPIS' NO. 31, 1949

PONOMAREV, S.A.

PONOMAREV, S.A (Moscow); SYRNEV, N.I. (Moscow)

Some methodological remarks on the new collection of arithmetical problems for the 5-6th classes of the secondary school. Mat. v shkole no.4:47-53 Jl-Ag '54. (MLRA 7:7)
(Arithmetic--Problems, exercises, etc.)

PONOMAREV, S.A., Moscow.

Polytechnical instruction in the teaching of mathematics. Mat.v shkole no.3:1-10 My-Je '53. (MLRA 6:6)
(Technical education) (Mathematics--Study and teaching)

PONOMAREV, SEMEN ALEKSEYEVICH

PONOMAREV, Semen Alekseyevich; SYRNEV, Nikolay Ivanovich; PAZEL'SKIY, S.V., redaktor; MAKHOVA, N.N., tekhnicheskiy redaktor

[Collection of problems and exercises in arithmetic; for classes 5-6 of seven-year and secondary schools] Sbornik zadach i uprazhnenii po arifmetike; dlia 5-6 klassov semiletnei i srednei shkoly. Izd. 2-e. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1955. 222 p. (MIRA 8:4)
(Arithmetic--Problems, exercises, etc.)

PONOMAREV, S. D.

USSR/Medicine - Veterinary, Drugs

Card 1/1

Author : *Kolomakin, G. A. and *Ponomarev, S. D.

Title : Results of extensive use of phenothiazine on sheep

Periodical : Veterinariya, 31, 21-23, Apr 1954

Abstract : Mixture of phenothiazine with salt, at a ratio of 1 to 10, fed to sheep every day during spring months prevented outbreaks of intestinal diseases caused by Haemonchus. Haemonchus worms are prevalent in the southeastern part of Kazakhstan during April and May. Systematic feeding of sheep with phenothiazine and salt mixture during spring, summer, and autumn months has resulted in increased livestock productivity. In those places where cattle were fed with phenothiazine during the entire vegetative period, very marked reduction in infestation of lungs with Dictyocaulus was noted. Graphs.

Institutions : Taldy Kurgan Oblast Veterinary Laboratory (Director, *G. A. Kolomakin); Animal Husbandry Administration (Chief, *S. D. Ponomarev), Taldy Kurgan Oblast Agricultural Administration.

Submitted :

PONOMAREV, S. D.

Opisaniye Pribora, Pozvolyayushchego Brat' Opredelennyye Integraly Tipa
D
S f (y) dx l Druzive, K Etomu Tipu Svodyashchiyesya, Yesli Graficheski Zadano
A
$Y = e^{a}$ (x). M. Zh. Vestn. Inzh. I Tekhn. (1934), 176-178.

SO: Mathematics in the USSR, 1917-1947
edited by Kurosh, A. G.,
Markushevich, A. I.,
Rashevskiy, P. K.
Moscow - Leningrad, 1948.

PONOMAREV, S. D., ed.

New methods of designing springs. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1946. 141 p. (51-23616)

TJ210.P6

PONOMAREV, S. D. ed. and others

Osnovy sovremennykh metodov rascheta na prochnost' v mashinostroenii (raschet pri staticheskoi nagruzke) Moskva, Mashgiz, 1950. 703 p. diagrs.

Includes bibliographies.

Fundamentals of modern methods in calculating strength in mechanical engineering. (Calculations under static loads.)

DLC: TG265.P6

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

"Calculation of Strength of Thick-Walled Tubes by Graphical Method," Inzh. Sbornik, No.9, pp. 209-217, 1951.

Gives graphical method of calcg strength of thick-walled tubes. Examples tubes: Ex 1. Given internal pressure and internal radius. External pressure equal to zero. Allowable stress known. Define external radius of tube while meeting strength requirements. Ex 2. Given external pressure and external radius of tube. External pressure equal to zero. Allowable stress known. Determine internal radius. Examples tubes: Ex 1. Given internal pressure and internal radius of tube. Allowable stress known. Determine tube strength. Ex 2. For 3-layered tube of given dimensions, estab- of selected safe stress, assure possibility

Submitted 5 May 50.

PONOMAREV, S.D., BIDERMAN, V.L., LIKHAREV, K.K., MAKUSHIN, V.M., MALININ, N.N., FEDOS'EV, V.I.

Machinery--Construction

"Principles of modern methods of calculating durability of machine construction." Reviewed by Prof. A.A. Polov. Vest.mash. 31, no. 12, 1951.

MONTHLY LIST OF RUSSIAN ACCESSIONS, LIBRARY OF CONGRESS, SEPTEMBER 1952. UNCLASSIFIED.

PONOMAREV, S.D.

PHASE I Treasure Island Bibliographic Report

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Call No.: AF58002

BOOK

Authors: PONOMAREV, S.D.; BIDERMAN, V.L.; LIKHAREV, K.K.; MAKUSHIN, V.M.; MALININ, N.N.; FEODOS'YEV, V.I.

Full Title: FUNDAMENTALS OF MODERN METHODS FOR STRENGTH COMPUTATIONS IN MACHINE-BUILDING. (Computations of dynamic loads. Stability. Creep).

Transliterated Title: Osnovy sovremennykh metodov rascheta na prochnost' v mashinostroyenii. (Raschety pri dinamicheskoy nagruzke, Uatoychivost'. Polzuchest').

Publishing Data

Originating Agency: None.

Publishing House: (MASHGIZ), State Scientific and Technical Publishing House of Literature on Machine Building.

Date: 1952. No. pp.: 862 No. copies: 10,000

Editorial Staff

Editor: Prof. Ponomarev, C.D., Dr. Eng. Sci. Technical Editor: None.

Editor-in-Chief: None. Appraiser: None.

Others: Golovin, S. Ya., Eng., editor of literature on heavy machine building.

Text Data

Coverage: The three parts of this book discuss: 1) the strength computation of various machine elements under dynamic loads, 2) the stability computation of machine elements, 3) the creep computation of machine parts working at high temperatures. The first section describes the computation of the strength of moving machine elements, particularly discs and wheels; investigates questions of elastic vibration

1/2

Card 2/2 C0000063

Call No.: AF58002

Full Title: FUNDAMENTALS OF MODERN METHODS FOR STRENGTH COMPUTATIONS IN MACHINE-BUILDING. (Computations of dynamic loads. Stability. Creep).

Text Data

Coverage: (continued)
in connection with various practical problems (harmonic, non-harmonic, quasi-harmonic, non-linear and other types of vibration); and analyzes the strength of elements under variable loads. The second part concerns methods of computing the stability of rods and springs (twisted and compressed-coiled), or rings and flat shapes of curved thin strips, of the elements of thin-wall construction and non-symmetric profiles, of thin rectangular plates, and of rotating casings. The third section analyzes the questions of creep and relaxation of tension, permanent deformation, and aging of parts subjected to the action of high temperatures.

Purpose: A textbook for design engineers in the field of machine building and students of the technical colleges and also for scientific workers.

Facilities: None.

No. Russian and Slavic References: 382 of total 409.

Available: Library of Congress.

PONOMAREV, S.D., doktor tekhnicheskikh nauk.

Graphic method in the determination of temperature stresses in thin circular plates heated along the axis of symmetry. [Trudy]MVTU no.16:96-102 '52. (MLRA 6:6)
(Strains and stresses)

PONOMAREV, S. D.

"Calculating Multi-Ringed Springs Coiled form Cables with a Central Core" an article in the book "Computing the Stability, Hardness and Creep of Elements in Machine Construction," Mashgiz, 1953, p. 185.

PONOMAREV, S. D.

Raschety na prochnost' zhestkost' i polzuchest' elementov mashinostroitel'nykh konstruktsiy (Calculations on the durability, rigidity, and creep of elements of machine construction) Moskva, Mashgiz, 1953/
253 p. Diagrs., Tables.
At head of title: Moscow. Moskovskoye Vysshaye Tekhnicheskoye Uchilishche.

SO: N/5
615.1
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ACHERKAN, Naum Samuilovich, 1872- , doktor tekhnicheskikh nauk, professor, redaktor; BELYAYEV, V.N., dotsent, kandidat tekhnicheskikh nauk; BIDERMAN, V.L., kandidat tekhnicheskikh nauk; BOROVICH, L.S., kandidat tekhnicheskikh nauk; GASHINSKIY, A.G., inzhener; GORODETSKIY, N.Ye., professor, doktor tekhnicheskikh nauk; IVANOV, B.A., professor, doktor tekhnicheskikh nauk; KOLMIYTSEV, A.A., dotsent, kandidat tekhnicheskikh nauk; KRAGEL'SKIY, I.V., professor, doktor tekhnicheskikh nauk; PETRUSEVICH, A.I., doktor tekhnicheskikh nauk; POZDNYAKOV, S.N., dotsent; PONOMAREV, S.D., professor, doktor tekhnicheskikh nauk; PORTUGALOVA, A.A., kandidat tekhnicheskikh nauk; PRONIN, B.A., kandidat tekhnicheskikh nauk; RESHETOV, D.N., professor, doktor tekhnicheskikh nauk; RESHETOV, L.N., professor, doktor tekhnicheskikh nauk; SAVERIN, M.A., professor, doktor tekhnicheskikh nauk; SAVERIN, N.A., kandidat tekhnicheskikh nauk; SLOBODKIN, M.S., inzhener; SPITSYN, N.A., professor, doktor tekhnicheskikh nauk; STOLBIN, G.B., dotsent, kandidat tekhnicheskikh nauk; UMNOV, V.A., inzhener; CHERNYAK, B.Z., kandidat tekhnicheskikh nauk; SHCHEDROV, V.S., dotsent, kandidat tekhnicheskikh nauk.

[Machine parts; collection of materials on calculation and design in two volumes; vol.1] Detali mashin; sbornik materialov po raschetu i konstruirovaniiu. Izd.2., ispr.i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. i sudostroit. lit-ry, 1953- . (MLRA 6:11)

(Machinery--Design)

PONOMAREV, S.D.

ACHERKAN, N.S., doktor tekhnicheskikh nauk, professor, redaktor; BELYAYEV, V.N., kandidat tekhnicheskikh nauk, dotsent; BIDERMAN, V.L., kandidat tekhnicheskikh nauk; BOROVICH, L.S., kandidat tekhnicheskikh nauk; GASHINSKIY, A.G., inzhener; GORODETSKIY, I.Ye., doktor tekhnicheskikh nauk, professor; IVANOV, B.A., doktor tekhnicheskikh nauk, professor; KOLOMIYTSEV, A.A., kandidat tekhnicheskikh nauk, dotsent; KRAGEL'SKIY, I.V., doktor tekhnicheskikh nauk, professor; MAZYRIN, I.V., inzhener; NIKOLAYEV, G.A., doktor tekhnicheskikh nauk, professor; PETRUSEVICH, A.I., doktor tekhnicheskikh nauk; POZDNYAKOV, S.N., dotsent; PONOMAREV, S.D., doktor tekhnicheskikh nauk, professor; PORTUGALOVA, A.A., kandidat tekhnicheskikh nauk; PRONIN, B.A., kandidat tekhnicheskikh nauk; RESHETOV, D.I., doktor tekhnicheskikh nauk, professor; RESHETOV, L.N., doktor tekhnicheskikh nauk, professor; SAVERIN, M.A., doktor tekhnicheskikh nauk, professor; SAVERIN, M.M., kandidat tekhnicheskikh nauk; SLOBODKIN, M.S., inzhener; SPITSYN, N.A., doktor tekhnicheskikh nauk, professor; STOLBIN, G.B., kandidat tekhnicheskikh nauk, dotsent; UMNOV, V.A., inzhener; CHERNYAK, B.Z., kandidat tekhnicheskikh nauk; SHCHEDROV, V.S., kandidat tekhnicheskikh nauk, dotsent.

[Machine parts; collection of materials on calculation and design in two volumes] Detali mashin; sbornik materialov po raschetu i konstruirovaniiu v dvukh knigakh. Izd.2. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit.i sudostroit.lit-ry. Vol. 2. 1953. 560 p. (MLRA 6:12)

(Machinery--Design)

PONOMAREV, S. D.

"Treatment of the So-Called "Theory of Energy Strength of a Form Change". Vestn. inzhenerov i tekhnikov, No. 1, pp 25-26, 1953

The intensity of stresses is interpreted as the average square deviation of the stressed state from the "nearest" hydrostatic stressed state. (RZhMekh, No 8, 1955)

SO: Sum No 812, 6 Feb 1956

POMOMAREV, S.D., professor, doktor tekhnicheskikh nauk.

Calculation of multistrand bonded springs made of twisted cored wire rope. [Trudy] MVTU no.26:185-220 '53. (MLRA 7:5)
(Wire rope) (Springs (Mechanism))

POHOMAREV, S. D.

Mechanical Engineering - Tables, Calculations, Etc.

Graphic and analytical method of calculation of circular, aymmetrically loaded plates, Vest. mash 33, No. 2, 1953

Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

PONOMAREV, S.D.

Ponomarev, S.D.
Viderman, V.L.
Likharev, K.K.
Malinin, N.N.
Makushin, V.M.
Feodos'yev, V.I.

"Elements of Modern Methods of Calculating Strength in Machine Building"

Moscow Higher Technical School imeni Bauman

POKROVSKIY, S. D., ED.

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RASCHETY NA PROCHNOST' ELEMENTOV MASHINOSTROITEL'NYKH KONSTRUKTSIY (CALCULATIONS ON THE STRUCTURAL STRENGTH OF MACHINE-BUILDING ELEMENTS) MOSKVA, MASHGIZ, 1955.

204 P. ILLUS., DIAGRS., TABLS.

AT HEAD OF TITLE: MOSCOW. VYSSHEYE TEKHNICHESKOYE UCHELISHCHE.

"LITERATURA" AT END OF EACH CHAPTER.

PONOMAREV, S.D., red.

[Calculating the strength of materials in machinery manufacturing; a collection of articles] Raschety na prochnost' v mashinostroenii; sbornik statei. Pod red. S.D.Ponomareva. Moskva, Mashgiz, 1955. 226 p. (MIRA 11:4)

1. Moscow. Moskovskoye vyssheye tekhnicheskoye uchilishche. Kafedra soprotivleniya materialov.
(Strength of materials)

TIKHOMIROV, Ye.N., zasl.deyat.nauki i tekhniki RSFSR, professor, redaktor; PONOMAREV, S.D., doktor tekhnicheskikh nauk, professor, redaktor; SOKOLOV, S.N.; doktor, tekhnicheskikh nauk, professor, redaktor; TARABASHEV, N.D., doktor tekhnicheskikh nauk, professor, redaktor; MAKUSHIN, V.M., kandidat tekhnicheskikh nauk, redaktor; POPOVA, S.M., tekhnicheskiy redaktor.

[Computing strength, hardness, stability and vibration; collected articles] Rashchety na prochnost' zhestkost', ustoichivost' i kolebaniia; sbornik statei. Moskva,Gos. nauchno-tekhn.izd-vo mashinostroitel'noi lit-ry, 1955. 290 p. (MLRA 8:9)

1. Moscow, Stankoinstrumental'nyy institut.
(Strength of materials)

AL'SHITS, I.Ya., kandidat tekhnicheskikh nauk; BABKIN, S.I., kandidat tekhnicheskikh nauk; BALAKSHIN, B.S., doktor tekhnicheskikh nauk, professor; BEYSEL'MAN, R.D., inzhener; BELYAYEV, V.H., kandidat tekhnicheskikh nauk; BEREZINA, N.I., inzhener; BIRGER, I.A., doktor tekhnicheskikh nauk; BOGUSLAVSKIY, Yu.M., kandidat tekhnicheskikh nauk; BOROVICH, L.S., kandidat tekhnicheskikh nauk; GONIKBERG, Yu.M., inzhener; GORDON, V.O., professor; GORODETSKIY, I. Ye., doktor tekhnicheskikh nauk, professor; GROMAN, M.B., inzhener; DIKER, Ya.I., kandidat tekhnicheskikh nauk; DOSCHATOV, V.V., inzhener; IVANOV, A.G., kandidat tekhnicheskikh nauk; KINASOSHVILI, R.S., doktor tekhnicheskikh nauk; professor; KRUTIKOV, I.P., kandidat tekhnicheskikh nauk; LEVENSON, Ye.M., inzhener; MAZYRIN, I.V. inzhener; MARTYNOV, A.D., kandidat tekhnicheskikh nauk; NIBERG, N.Ya., kandidat tekhnicheskikh nauk; NIKOLAYEV, G.A., doktor tekhnicheskikh nauk, professor; PETRUSEVICH, A.I., doktor tekhnicheskikh nauk; POZDNYAKOV, S.N., dotsent; PONOMAREV, S.D., doktor tekhnicheskikh nauk, professor; PRONIN, B.A. kandidat tekhnicheskikh nauk; RESHETOV, D.N., doktor tekhnicheskikh nauk, professor; SATEL', E.A., doktor tekhnicheskikh nauk, professor; SIMAKOV, F.F., kandidat tekhnicheskikh nauk; SLOBODKIN, M.S., inzhener; SPITSYN, N.A., doktor tekhnicheskikh nauk, professor; STOLBIN, G.B., kandidat tekhnicheskikh nauk; TAYTS, B.A., doktor tekhnicheskikh nauk; CHERNYSHEV, N.A., kandidat tekhnicheskikh nauk; SHNEYDEROVICH, R.M., kandidat tekhni-

(Continued on next card)

AL'SHITS, I.Ya., kandidat tekhnicheskikh nauk (and others)..... Card 2.

cheskikh nauk, EYDINOV, V.Ya., kandidat tekhnicheskikh nauk; ERLIKH, L.B., kandidat tekhnicheskikh nauk; ACHERKAN, N.S., doktor tekhnicheskikh nauk, professor, redaktor; MARKUS, M.Ye., inzhener, redaktor; KARGANOV, V.G., inzhener, redaktor; SOKOLOVA, T.F., tekhnicheskiy redaktor.

[Mechanical engineer's manual; in 6 volumes] Spravochnik mashinostroitelia; v shesti tomakh. Izd.2-e, ispr. i dop. Moskva, Gos. nauchno-tekhn.izd-vo mashinostroit. lit-ry, Vol.4, 1955. 851 p.
(Mechanical engineering) (MLRA 8:12)

ANDREYEV, L.Ye., kandidat tekhnicheskikh nauk; BIDERMAN, V.L., kandidat tekhnicheskikh nauk; BOYARSHINOV, S.V., kandidat tekhnicheskikh nauk; VOL'MIR, A.S., doktor tekhnicheskikh nauk; DIMENTBERG, F.M. kandidat tekhnicheskikh nauk; ZASLATELEV, S.M., inzhener; KINASOSHVILI, R.S., doktor tekhnicheskikh nauk, professor; KOVALENKO, A.D.,; MAKUSHIN, V.M., kandidat tekhnicheskikh nauk MALININ, N.N., kandidat tekhnicheskikh nauk; PONOMAREV, S.D., doktor tekhnicheskikh nauk; PRIGOROVSKIY, N.I., doktor tekhnicheskikh nauk; TETEL'BAUM, I.M., kandidat tekhnicheskikh nauk; UMANSKIY, A.A., doktor tekhnicheskikh nauk, professor; FEODOS'YEV, V.I., doktor tekhnicheskikh nauk; SERENSEN, S.V., redaktor; TRAPEZIN, I.I., kandidat tekhnicheskikh nauk, redaktor; KARGANOV, V.G., inzhener, redaktor; SOKOLOVA, T.F., tekhnicheskiy redaktor.

[Mechanical engineer's manual; in 6 volumes] Spravochnik mashinostroitelia; v shesti tomakh. Izd.2-e, ispr. i dop. Moskva, Gos. nauchno-tekhn.izd-vo mashinostroit. lit-ry, Vol.3, 1955. 563 p.
(Mechanical engineering) (MLRA 8:12)

PONOMAREV, S.D.

Design of profiles of central-hole disks to be tight-fitted on shafts. [Trudy] MVTU no.31:5-28 '55. (MIRA 8:5)
(Disks, Rotating) (Turbomachines--Impellers) (Blades)

PONOMAREV, S.D., doktor tekhnicheskikh nauk, professor; BIDERMAN, V.L.; LIKHAREV, K.K.; MAKUSHIN, V.M.; MALININ, N.N.; FEODOS'YEV, V.I.; POPOVA, S.M., tekhnicheskiy redaktor; MATVEYEVA, Ye.N., tekhnicheskiy redaktor

[Calculations of the strength of materials in machine manufacture] Raschety na prochnost' v mashinostroenii. Pod red. S.D.Ponomareva. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry. Vol. 1. [Theoretical principles and experimental methods. Calculations for structural rod elements under static load] Teoreticheskie osnovy i eksperimental'nye metody. Raschety sterzhnevykh elementov konstruktsii pri staticheskoi nagruzke. 1956. 884 p. (MLRA 10:3)
(Strength of materials) (Elasticity)

PONOMAREV, S.D.

24(0); 25(2) PHASE I BOOK EXPLOITATION SOV/2037

Moscow. Vysshaye tekhnicheskoye uchilishche imeni N.E. Baumana

Raschety na prochnost' v mashinostroyenii; [sbornik] Design for Strength in Mechanical Engineering; Collection of Articles) Moscow, Mashgiz, 1958. 244 p. (Series: Its: [Trudy] 89) 3,300 copies printed.

Ed.: G.A. Nikolayev, Doctor of Technical Sciences, Professor, Honored Worker in Science and Technology; Ed. of Publishing House: N.P. Chernysheva; Tech. Ed.: B.I. Model'; Managing Ed. for Literature on Heavy Machine Building (Mashgiz): S.Ya. Golovin, Engineer.

PURPOSE: This collection of articles is intended for engineering staffs in the machine-building industry and may be useful to scientific workers and senior students of mechanical engineering vtuzes.

Card 1/8

COVERAGE: The articles cover the graphoanalytical method of designing circular symmetrically loaded reinforced plates, methods of designing rotating heated disks for transverse bending, and calculation of preloaded belleville springs. Also discussed are differential equations for deformation of rubber-cord shells of rotation, the theory of flexure of rubber-cord hose, and stability problems of elastic cylindrical shells. Results of experimental investigations of strength and ductility of constructional steels and other materials are presented. Several articles are devoted to problems of vibrations in machinery. There are 78 references; 71 Soviet, 4 German, 2 English, and 1 French.

TABLE OF CONTENTS:

The method of design discussed is claimed to be less time consuming and simpler than the existing analytical methods. It allows for easier evaluation of the stiffening effect of shape and location of the ring rib.

Malinin, N.N., Doctor of Technical Sciences, Docent. Radial and Transverse Bending of Disks 43

The author gives an approximate method for determining stress relieving coefficients in transverse bending (symmetrical to the axis) of a rotating, nonuniformly heated disk of variable thickness. "Radial bending" means the effect of radial forces, (e.g., centrifugal) analogous to the effect of axial tension forces acting on laterally loaded beams. This method allows for quick evaluation of the stress relieving effect due to rotation of the disk while taking into account changes in the elastic properties of the material due to temperature.

Design for Strength in Mechanical (Cont.) SOV/2037

deviation of existing conditions from initial assumptions is discussed.

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8-25-59

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24(6) PHASE I BOOK EXPLOITATION SOV/2397

Ponomarev, S.D., V.L. Biderman, K.K. Likharev, V.M. Makushin, N.N. Malinin, and V.L. Feodos'yev

Raschety na prochnost' v machinostroyenii. t. II: Nekotoryye zadachi prikladnoy teorii uprugosti. Raschety za predelami uprugosti. Raschety na polzuchest' (Design for Strength in Machinery Construction. Vol 2: Some Problems in the Applied Theory of Elasticity. Calculation Beyond Elastic Limits. Design for Creep) Moscow, Mashgiz, 1958. 974 p. Errata slip inserted. 15,000 copies printed.

Ed.: S.D. Ponomarev, Doctor of Technical Sciences, Professor; Ed. of Publishing House: N.P. Chernysheva; Tech. Ed.: B.N. Model'; Managing Ed. for Literature of Heavy Machine Building (Mashgiz): S.Ya. Golovin, Engineer.

PURPOSE: The book is intended for engineers, designers, and process engineers in the field of machinery design and construction. It may also be useful to students, aspirants, and scientific workers.

Card 1/17

COVERAGE: This book deals with some problems of the applied theory of elasticity and the calculation of plastic deformation and creep. Design methods for circular and rectangular plates, shells of rotation, and thick-walled tubes are presented. The theory of contact stresses, the design of structural elements made of rubber and rubberized cord, calculations of elastoplastic strains, and calculations of steady and unsteady states of creep are discussed. No personalities are mentioned. References follow each chapter.

TABLE OF CONTENTS:

PONOMAREV, S.D., prof., doktor tekhn.nauk

Problems in the stress analysis in mechanical engineering. Nauch.dokl.vys.shkoly; mash.i prib. no.1:13-18 '58. (MIRA 12:1)

1. Predstavleno kafedroy "Soprotivleniye materialov" Moskovskogo vysshego tekhnicheskogo uchilishcha imeni N.E. Baumana.
(Strength of materials)

PONOMAREV, S.D., prof.; TIKHOMIROV, Ye.N., prof.; SERENSEN, S.V., prof.; MALININ, N.N., prof.; POPOV, A.A., prof.; KRYUKOVSKIY, S.S., prof.; SOKOLOV, S.N., prof.

[Program of the course "Strength of materials" for departments of mechaniced engineering in technical institutes] Programma kursa "Soprotivlenie materialov" dlia mashinostroitel'nykh i mekhanicheskikh spetsial'nostei vysshikh tekhnicheskikh uchebnykh zavedenii. Moskva, Izd-vo "Vyshaia shkola," 1959. 15 p. (MIRA 15:1)

1. Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya.
(Strength of materials—Study and teaching)

PHASE I BOOK EXPLOITATION SOV/3423

Ponomarev, Sergey Dmitriyevich, Honored Worker in Science and Technology, Professor, Doctor of Technical Sciences, Vladimir Mikhaylovich Makushin, Nikolay Nikolayevich Malinin, and Vsevolod Ivanovich Feodos'yev

Raschety na prochnost' v mashinostroyenii, tom 3: Inertsionnyye nagruzki. Kolebaniya i udarnyye nagruzki. Vynoslivost'. Ustoychivost' (Design for Strength in Machinery Construction, Vol 3: Inertial Loads. Vibrations and Impact Loads. Endurance. Stability) Moscow, Mashgiz, 1959. 1118 p. Errata slip inserted. 12,000 copies printed.

Ed. of Publishing House: N. P. Chernysheva; Tech. Ed.: B. I. Model'; Managing Ed. for Literature on Heavy Machine Building: S. Ya. Golovin, Engineer; Ed.: Sergey Dmitriyevich Ponomarev, Honored Worker in Science and Technology, Professor, Doctor of Technical Sciences.

PURPOSE: The book is intended for design and production engineers in machine-building enterprises. It will be of interest to students of engineering design.

Card 1/15

COVERAGE: The book covers methods of calculation for stability, stress, creep, fatigue, etc. Particular attention is paid to strength calculations of moving machine parts, such as turbine buckets and discs, with reference to stress and creep data. Other problems treated include: analysis of various types of vibrations; calculations for dynamic load varying with time; stress concentration and fatigue failures; stress distribution in bars, plates, shells, etc.; stress coefficients for rotating discs; and behavior of material under conditions of stress. S. D. Ponomarev reviewed the entire book and wrote Chapter I and section 5 of Chapter III. Chapter II and the remainder of Chapter III were written by N. N. Malinin. Chapter IV - X were written by V. L. Biderman. Chapter XI was compiled by K. K. Likharev and N. N. Malinin. Chapters XII - XVI were written by V. M. Makushin, Chapter XVII - by V. I. Feodos'yev, and the Appendix by K. K. Likharev. There are 857 references: 712 Soviet, 90 English, 54 German, and 1 French.

TABLE OF CONTENTS:

PART I. STRENGTH CALCULATION FOR MOVING PARTS IN MACHINERY

PART IV. CALCULATIONS FOR STABILITY

PHASE I BOOK EXPLOITATION SOV/3862

Raschety na prochnost': teoreticheskiye i eksperimental'nyye issledovaniya prochnosti mashinostroitel'nykh konstruktsiy; sbornik statey, vyp. 5 (Strength Analysis; Theoretical and Experimental Investigations of the Strength of Machine Elements; Collection of Articles, No. 5) Moscow, Mashgiz, 1960. 298 p. Errata slip inserted. 5,000 copies printed.

Ed.: V.N. Arbuzov, Candidate of Technical Sciences; Ed. of Publishing House: L.N. Danilov; Tech. Ed.: B.I. Model'; Managing Ed. for Literature on General Technical and Transport Machine Building (Mashgiz): A.P. Kozlov, Engineer; Editorial Board: G.S. Glushkov, Doctor of Technical Sciences, Professor; V.M. Makushin, Candidate of Technical Sciences, Docent (Secretary); S.D. Ponomarev, Honored Scientist and Technologist of the RSFSR, Doctor of Technical Sciences, Professor; S.V. Serensen, Member of the Academy of Sciences UkrSSR, Doctor of Technical Sciences, Professor; S.N. Sokolov, Doctor of Technical Sciences, Professor; N.D. Tarabasov, Doctor of Technical Sciences, Professor; and Ye.N. Tikhomirov, Honored Scientist and Technologist of the RSFSR, Professor (Chairman).

Card 1/8

PURPOSE: The book is intended for engineers and scientists specializing in stress analysis.

COVERAGE: This collection of 15 articles deals with the design and calculation of machine elements for strength, rigidity, and stability. The collection is divided into three sections; 1) calculation for strength, 2) stress and strain analysis, and 3) calculation for stability. Methods and formulas for calculating strength parameters are presented. No personalities are mentioned. References follow several of the articles.

TABLE OF CONTENTS:

SECTION I. DESIGN OF PARTS FOR STRENGTH AND RIGIDITY

SECTION III. CALCULATIONS FOR DYNAMIC LOAD AND FOR STABILITY OF CONSTRUCTIONAL ELEMENTS

Strength Analysis (Cont.) SOV/3862

Values for critical speeds of a rotating shaft are derived and the effects of deflecting forces analyzed.

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7-18-60

DIMENTBERG, F.M., doktor tekhn.nauk; LYUKSHIN, V.S., kand.fiz.-mat.nauk; NIBERG, N.Ya., kand.tekhn.nauk; OBMORSHEV, A.N., prof., doktor tekhn.nauk; PLUZHNIKOV, I.S., kand.fiz.-mat.nauk; UMANSKIY, A.A., prof., doktor tekhn.nauk; ACHERKAN, N.S., prof., doktor tekhn.nauk, red.; VUKALOVICH, M.P., prof., doktor tekhn.nauk, laureat Leninskoy premii, red.; KUDRYAVTSEV, V.N., prof., doktor tekhn.nauk, red.; PONOMAREV, S.D., prof., doktor tekhn.nauk, laureat Leninskoy premii, red.; SATEL', E.A., prof., doktor tekhn.nauk, red.; SERENSEN, S.V., akademik, red.; RESHETOV, D.N., prof., doktor tekhn.nauk, red.; GIL'DENBERG, M.I., red.izd-va; SOKOLOVA, T.F., tekhn.red.

[Reference book for machinery designers in six volumes] Spravochnik mashinostroitelia; v shesti tomakh. Red.sovet: N.S.Acherkan i dr. Izd.3., ispr. i dop. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry. Vol.1. Pod red.N.S.Acherkana. 1960. 592 p. (MIRA 13:10)

1. AN USSR (for Serensen). (Machinery--Design)

ANTSYFEROV, M.S., kand.fiz.-mat.nauk; VUKALOVICH, M.P., prof., doktor tekhn.nauk, laureat Leninskoy premii; KRIPETS, B.S., inzh.; LAZAREV, L.P., prof., doktor tekhn.nauk; MAZYRIN, I.V., inzh.; NIKITIN, N.N., kand.fiz.-mat.nauk; OCHKIN, A.V., inzh.; PANICHKIN, I.A., prof., doktor tekhn.nauk; PETUKHOV, B.S., prof., doktor tekhn.nauk; PODVIDZ, L.G., kand.tekhn.nauk; SIMONOV, A.F., inzh.; SMIRYAGIN, A.P., kand.tekhn.nauk; TOKMAKOV, G.A., kand.tekhn.nauk; FAYNZIL'BER, E.M., prof., doktor tekhn.nauk; KHALIZEV, G.P., kand. tekhn.nauk; CHESACHENKO, V.F., kand.tekhn.nauk; YAN'SHIN, B.I., kand.tekhn.nauk; ACHERKAN, N.S., prof., doktor tekhn.nauk, red.; KUDRYAVTSEV, V.N., prof., doktor tekhn.nauk, red.; PONOMAREV, S.D., prof., doktor tekhn.nauk, laureat Leninskoy premii, red.; SATEL', E.A., prof., doktor tekhn.nauk, red.; SERENSEN, S.V., akademik, red.; RESHETOV, D.N., prof., doktor tekhn.nauk, red.; KARGANOV, V.G., inzh., red.graficheskikh materialov; GIL'BENBERG, M.I., red.izd-va; SOKOLOVA, T.F., tekhn.red.

[Manual of a mechanical engineer in six volumes] Spravochnik mashinostroitelia v shesti tomakh. Red.sovet N.S.Acherkan i dr. Izd.3., ispr. i dop. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry. Vol.2. 1960. 740 p. (MIRA 14:1)

1. AN USSR (for Serensen).
(Mechanical engineering) (Machinery--Construction)

POKOMAREV, S.D., prof.; doktor tekhn.nauk

Rigidity of Belleville springs subjected to elastic deflection.
Raach.na prochn. no.5:3-14 '60. (MIRA 13:7)
(Springs (Mechanism))

PONOMAREV, S.D., doktor tekhn.nauk,prof.; MAKUSHIN, V.M.,prof.

Review of "Plates, disks, beam wall (strength, stability, and vibrations)"by D.V.Vainberg, E.D.Vainberg. Vest.mash. 40 no.10: 83-84 O'60. (MIRA 13:10)

(Mechanical engineering) (Vainberg, D.V.) (Strains and stresses) (Vainberg, E.D.)

PONOMAREV, S.D., doktor tekhn.nauk, prof.

Design of intensively compressed compression springs. Vest. mash. 41 no.6:11-14 Je '61. (MIRA 14:6)
(Springs (Mechanism))

MALININ, Nikolay Nikolayevich; BIRGER, I.A., doktor tekhn. nauk, prof., retsenzent; POMOMAREV, S.D., doktor tekhn. nauk, prof., red.; BYSTRITSKAYA, V.V., red. izd-va; UVAROVA, A.F., tekhn. red.

[Strength of turbomachines]Prochnost' turbomashin. Moskva, Mashgiz, 1962. 291 p. (MIRA 15:10)
(Turbomachines)

AGAMIROV, V.L., kand. tekhn. nauk; AMEL'YANCHIK, A.V., inzh.; ANDREYEVA, L.Ye., kand. tekhn. nauk; BIDERMAN, V.L., doktor tekhn. nauk; BOYARSHINOV, S.V., kand. tekhn. nauk; VOL'MIR, A.S., prof., doktor tekhn. nauk; DIMENTBERG, F.M., doktor tekhn. nauk; KOSTYUK, A.G., kand. tekhn. nauk; MAKUSHIN, V.M., kand. tekhn. nauk; MASLOV, G.S., kand. tekhn. nauk; MALININ, N.N., prof., doktor tekhn. nauk; PONOMAREV, S.D., prof. doktor tekhn. nauk; PRIGOROVSKIY, N.I., prof., doktor tekhn. nauk; SERENSEN, S.V., akademik; STEPANOVA, V.S., inzh.; STRELYAYEV, V.S., inzh.; TRAPEZIN, I.I., prof., doktor tekhn. nauk; UMANSKIY, A.A., prof., doktor tekhn. nauk; FEODOS'YEV, V.I., prof., doktor tekhn. nauk; SHATALOV, K.T., doktor tekhn.nauk; YUMATOV, V.P., kand. tekhn. nauk; BLAGOSKLONOVA, N.Yu., red. izd-va; YEVSTRAT'YEV, A.I., red. izd-va; SOKOLOVA, T.F., tekhn. red.

[Manual for a mechanical engineer in six volumes] Spravochnik mashinistroitelia v shesti tomakh. Red. sovet N.S.Acherkan i dr. Izd.3., ispr. i dop. Moskva, Mashgiz. Vol.3. 1962. 651 p. (MIRA 15:4)

1. Akademiya nauk USSR (for Serensen).
(Machinery--Design)

PONOMAREV, S.D., doktor tekhn.nauk, prof.

Calculating compressed springs considering the curvature of coils. Rasch.na prochn. no.8:161-185 '62. (MIRA 15:8)
(Springs (Mechanism))

PONOMAREV, S.D., doktor tekhn. nauk, prof.

Graphoanalytic calculation of circular one-sided stepped plates subjected to axisymmetric loading. Rasch. na prochn. no.9: 3-17 '63. (MIRA 16:12)

L 41?9?-66 EWT(d)/EWP(w)/EWP(v)/EWP(k) IJP(c) WW/EM

ACC NR: AP6031541 SOURCE CODE: RU/0027/65/010/002/0269/0285

AUTHOR: Ponomarev, S. D.

ORG: none

26
B

TITLE: Current problems in the calculation of helicoidal extension-compression arches

SOURCE: Studii si cercetari de metalurgie, v. 10, no. 2, 1965, 269-285

TOPIC TAGS: civil engineering, structural engineering

ABSTRACT: A survey of the principal problems solved in the USSR in connection with the calculation of helicoidal arches. Experimental proof is given for the fact that the transversal sections of the spires of such arches do not show relative coiling, thus allowing relatively simple calculations which consider the arches as curved bars in space whose axle remains helicoidal and only whose slope changes. It is shown that to reduce the weight of large arches the spires may be taken from annular sections and calculated from formulae relating to the coiling of thin-walled tubes. Another calculation discussed is that of steel band arches where the height of the spire section is much greater than the thickness; the exact solution of this problem uses the theory of cylindrical coverings.

Orig. art. has: 10 figures and 27 formulas. [JPRS: 34,166]

SUB CODE: 13 / SUBM DATE: none / SOV REF: 008 / OTH REF: 001

Card 1/1 af

SNEGIREV, M.M., inzh.; PONOMAREV, S.F., inzh.

Automation of production processes in manufacturing insulating plates. Mekh.i avtom.proizv. 14 no.12:14-16 D '60. (MIRA 13:12)
(Automation) (Insulating materials)

CHUDIN, Aleksey Prokof'yevich; PROKOPENKO, Sergey Andreyevich; POMOMAREV, S.F., red.; IZHBOLDINA, S.I., tekhn.red.

[Modernization of metal-cutting machines used in mass production] Modernizatsiia metallorezhushchikh stankov v massovom proizvodstve. Stalingrad, Stalingradskoe knizhnoe izd-vo, 1959. 31 p. (MIRA 13:5)
(Cutting machines) (Machinery in industry)

PONOMAREV, S.G., kand.tekhn.nauk; KAZIMIROVA, R.L., inzh.

Fixation of basic chromium salts by collagen. Leg.prom.17 no.9:28-29 S '57. (MIRA 10:12)
(Chromium salts) (Collagen)

PONOMAREV, S.G. --

"The Nature of the Products of the 'Decomposition' and 'Extraction' of Collegen in Relation to Preliminary Treatment." Cand Tech Sci, Moscow Technological Inst of Light Industry imeni L.M. Kaganovich, 9 Nov 54. (VM, 26 Oct 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (10)

SO: Sum. No. 481, 5 May 55

PONOMAREV, S. G., kand. tekhn. nauk

From the report of S. G. Ponomarev "Generalization of industrial practices in the manufacture of chrome leather from pig skins and cattle hides on continuous and semiautomatic lines."
Kozh. obuv. prom. 5 no. 12:6-8 D '63. (MIRA 17:5)

1. Ukrainskiy nauchno-issledovatel'skiy institut kozhevenno-obuvnoy promyshlennosti.

OLEYNIK, N.N., inzh.; PONOMAREV, S.G., kand. tekhn. nauk.

Objective evaluation of chrome leather stiffness. Leg. prom. 18 no.3: 41 Mr '58. (MIRA 11:4)
(Leather--Testing)

POMOMAREV, S.G., kand. tekhn. nauk; OLEYNIK, N.N., inzh.

Tanning of skins with chrome liquors covered with sodium sulfite. Leg.prom. 18 no.10:39-40 O '58. (MIRA 11:11)
(Tanning)

25(SOV/19-59-8-144/339

AUTHOR: Oleynik, N.N., Ponomarev, S.G.

TITLE: A Method of Irreversible Formation of Chrome Leathers

PERIODICAL: Byulleten' izobreteniy, 1959, Nr 8, p 31 (USSR)

ABSTRACT: Class 28a, 3. Nr 119299 (607764 of 16 September 1958). After tanning or neutralizing, the leather is treated with concentrated salt solutions, e.g. sodium or ammonium sulfates.

Card 1/1

L 21771-66
ACC NR: AP6002606 (A) SOURCE CODE: UR/0286/65/000/023/0106/0106

AUTHORS: Ponomarev, S. G.; Oleynik, N. N.; Goronovskaya, M. A. Zhurba, T. T.

ORG: none

TITLE: Method for combined soaking and depilation of hides. Class 28, No. 143500

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 23, 1965, 106

TOPIC TAGS: processed animal product, leather, animal hide

ABSTRACT: This Author Certificate presents a method for combined soaking and depilation of hides by the use of a fermentation vat. To speed up the process and to improve the quality of the hides, aromatic sulphoderivatives, e.g., H acid, are added to the fermentation vat.

SUB CODE: 11/ SUBM DATE: 21Nov60

Card 1/1 UDC: 675.023.3

KOSTENKO, D.G., inzh.; LIVYY, G.V., kand.tekhn.nauk; PONOMAREV, S.G., kand. tekhn.nauk; RABINOVICH, F.I., inzh.; MALKIMAN, Ye.I., inzh.

Effect of the various methods for tanning stiff leather on its wear resistance. Report No.3. Nauch.-issl.trudy Ukr NIIKP no.13:3-12, '62. (MIRA 18:2)

OLEYNIK, N.N. [Oliinyk, M.M.]; PONOMAREV, S.G. [ponomar'ov, S.H.], kand. tekhn. nauk; GRISHILO, V.F. [Hryshylo, V.F.]; LYSENKO, G.N. [Lysenko, H.P.]; CHERANOVSKAYA, S.B. [Cheranovs'ka, S.B.]

Color coating of grain-side and refined leather. Leh. prom. no.1:41-43 Ja-Mr '65. (MIRA 18:4)